

WHAT IS CLAIMED IS:

1. A processing method of device information in a network system in which a management server for managing device information and various devices are connected, comprising:

10 a transmitting step of transmitting a plurality of different types of device information to said management server at predetermined timings, respectively.

15 2. A method according to claim 1, wherein said plurality of different types of device information is static information, semistatic information, and dynamic information and in said transmitting step, said static information is transmitted in accordance with a power-on and said semistatic information and said dynamic information are transmitted in accordance with a change in status of the device.

20 3. A method according to claim 1, further comprising a setting step of setting said timing.

4. A method according to claim 1, further comprising:

25 a request transmitting step of transmitting a request to transmit said device information to said management server to another device; and

an obtaining step of obtaining the device information of the requesting device in accordance with said request,

5 and wherein in said transmitting step, said obtained device information is transmitted to said management server.

5. A method according to claim 1, wherein said device is a printer.

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6. A method according to claim 1, wherein said device is a copying apparatus.

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7. A network device connected through a network to a management server for managing device information, comprising:

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transmitting means for transmitting a plurality of different types of device information to said management server at predetermined timings, respectively.

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8. A device according to claim 7, wherein said plurality of different types of device information is static information, semistatic information, and dynamic information, and

said transmitting means transmits said static information in accordance with a power-on and transmits

said semistatic information and said dynamic information in accordance with a change in status of the network device.

5 9. A device according to claim 7, further comprising setting means for setting said timing.

10 10. A device according to claim 7, further comprising request transmitting means for transmitting a request to transmit said device information to said management server to another device.

15 11. A device according to claim 7, wherein said network device is a printer.

12. A device according to claim 7, wherein said network device is a copying apparatus.

20 13. A device according to claim 7, further comprising:

request receiving means for receiving a request to transmit said device information to said management server; and

25 obtaining means for obtaining the device information of the requesting network device in accordance with said received request,

and wherein said transmitting means transmits said

obtained device information to said management server.

14. A device according to claim 13, wherein said network device is a host computer.

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15. A recording medium which stores a processing program of device information in a network system in which a management server for managing device information and various devices are connected,

10 wherein said processing program comprises a transmitting step of transmitting a plurality of different types of device information to said management server at predetermined timings, respectively.

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16. A medium according to claim 15, wherein said plurality of different types of device information is static information, semistatic information, and dynamic information, and in said transmitting step, said static information is transmitted in accordance with a power-on and said semistatic information and said dynamic information are transmitted in accordance with a change in status of the device.

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17. A medium according to claim 15, wherein said processing program further comprises a setting step of setting said timing.

18. A medium according to claim 15, wherein said processing program further comprises:

a request transmitting step of transmitting a request to transmit said device information to said management server to another device; and

5 an obtaining step of obtaining the device information of the requesting device in accordance with said request,

and in said transmitting step, said obtained

10 device information is transmitted to said management server.

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19. A processing program of device information in a network system in which a management server for managing device information and various devices are connected, comprising:

a transmitting step of transmitting a plurality of different types of device information to said management server at predetermined timings,

20 respectively.

20. A program according to claim 19, wherein said plurality of different types of device information is static information, semistatic information, and dynamic information, and in said transmitting step, said static information is transmitted in accordance with a power-on and said semistatic information and said dynamic

information are transmitted in accordance with a change in status of the device.

21. A program according to claim 19, further  
5 comprising a setting step of setting said timing.

22. A program according to claim 19, further comprising:

10 a request transmitting step of transmitting a request to transmit said device information to said management server to another device; and  
15 an obtaining step of obtaining the device information of the requesting device in accordance with said request,

15 and wherein in said transmitting step, said obtained device information is transmitted to said management server.

23. A processing method of device information in a network system in which a management server for managing device information and various devices are connected, comprising:

20 a request transmitting step of transmitting a request to transmit said device information to said management server to another device;

25 a step of receiving said request; and  
a device information transmitting step of

transmitting the device information of the requesting device to said management server in accordance with said received request.

5        24. A method according to claim 23, further comprising an obtaining step of obtaining the device information of said device from the requesting device in accordance with said received request,

10        and wherein in said device information transmitting step, the obtained device information is transmitted to said management server.

15        25. A method according to claim 23, wherein in said device information transmitting step, a plurality of different types of device information is transmitted to said management server at predetermined timings, respectively.

20        26. A method according to claim 25, wherein said plurality of different types of device information is static information, semistatic information, and dynamic information, and in said device information transmitting step, said static information is transmitted in accordance with a power-on and said semistatic information and said dynamic information are transmitted in accordance with a change in status of the device.

27. A method according to claim 25, further comprising a setting step of setting said timing.

28. A network device connected via a network to a  
5 management server for managing device information,  
comprising:

receiving means for receiving a request to  
transmit the device information to said management  
server from another network device; and

10 device information transmitting means for  
transmitting the device information of the requesting  
network device to said management server in accordance  
with said received request.

15 29. A device according to claim 28, further  
comprising obtaining means for obtaining the device  
information of said device from the requesting network  
device in accordance with said received request,

20 and wherein said device information transmitting  
means transmits the obtained device information to said  
management server.

30. A device according to claim 28, wherein said  
device information transmitting means transmits a  
25 plurality of different types of device information to  
said management server at predetermined timings,  
respectively.

31. A device according to claim 30, wherein said plurality of different types of device information is static information, semistatic information, and dynamic information, and said transmitting means transmits said static information in accordance with a power-on and transmits said semistatic information and said dynamic information in accordance with a change in status of the device.

10 32. A device according to claim 30, further comprising setting means for setting said timing.

15 33. A processing program of device information in a network system in which a management server for managing device information and various devices are connected, comprising:

a step of receiving a request to transmit the device information to said management server from another network device; and

20 a device information transmitting step of transmitting the device information of the requesting device to said management server in accordance with said received request.

25 34. A program according to claim 33, further comprising an obtaining step of obtaining the device information of said device from the requesting device

in accordance with said received request,  
and wherein in said device information  
transmitting step, the obtained device information is  
transmitted to said management server.

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35. A program according to claim 33, wherein in  
said device information transmitting step, a plurality  
of different types of device information is transmitted  
to said management server at predetermined timings,  
10 respectively.

36. A program according to claim 35, wherein said  
plurality of different types of device information is  
static information, semistatic information, and dynamic  
15 information, and in said transmitting step, said static  
information is transmitted in accordance with a power-  
on and said semistatic information and said dynamic  
information are transmitted in accordance with a change  
in status of the device.

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37. A program according to claim 35, further  
comprising a setting step of setting said timing.

38. A recording medium which stores a processing  
25 program of device information in a network system in  
which a management server for managing device  
information and various devices are connected,

wherein said processing program comprises:

a step of receiving a request to transmit the device information to said management server from another network device; and

5 a device information transmitting step of transmitting the device information of the requesting device to said management server in accordance with said received request.

10 39. A medium according to claim 38, wherein said processing program further comprises an obtaining step of obtaining the device information of said device from the requesting device in accordance with said received request,

15 and in said device information transmitting step, the obtained device information is transmitted to said management server.

40. A medium according to claim 38, wherein in said 20 device information transmitting step in said processing program, a plurality of different types of device information is transmitted to said management server at predetermined timings, respectively.

25 41. A medium according to claim 40, wherein said plurality of different types of device information is static information, semistatic information, and dynamic

information, and in said transmitting step, said static information is transmitted in accordance with a power-on and said semistatic information and said dynamic information are transmitted in accordance with a change 5 in status of the device.

42. A medium according to claim 40, wherein said processing program further comprises a setting step of setting said timing.